

**ANODE MODULE FOR A LIQUID METAL ANODE X-RAY SOURCE, AND
X-RAY EMITTER COMPRISING AN ANODE MODULE**

ABSTRACT

The invention relates to an anode module 1 for a liquid-metal anode X-ray source which has an electron entry window 3 in the region of focus 2.

It is provided according to the invention that an X-ray beam exit window 4 lies opposite the electron entry window 3 of the anode module 1 and the exit angle Θ of the X-ray beams 7 between an electron beam 6 entering through the electron entry window 3 along the direction of incidence 5 and the X-ray beams 7 exiting through the X-ray beam exit window 4 is between 5° and 50° , in particular 15° .

The invention also relates to an X-radiator with an electron source for the emission of electrons and a liquid-metal anode emitting X-ray beams 7 when the electrons strike, which has an anode module 1 with the above-named features.